



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号日月科技园

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安徽艾约塔硅油有限公司

Iota Corporation Ltd.

Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

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IOTA FINE SIL 516 silica for coating

IOTA FINE SIL516 silica is superfine precipitated silica by specially treated, which has strong adsorption and good dispersibility. It is mainly used in electrochemical aluminum, paint, ink and other industries for adsorption, anti-sinking & thickening. It can replace the high price diatomite which is the raw material to produce primer in the paint & coating industry.

Main specifications and technical data

Specification	IOTA FINE SIL516
SiO ₂ (dried)	≥98
Loss on Ignition (9500C) %	4-6
PH Value (5% Suspension)	6.5-7.5
Specific Surface Area g/m ²	200
Moisture %	3-5
Partical Size	3μm
Oil Absorption g/100g	280
Packing	10kg/bag

Product features

1. Good extinction effect. Could be used to make semi-matte, lambency, full - matte and even matt and other matt painting.
2. Good dispersion. It could be dispersed to 15μm by high speed stirring.
3. The paint film has good transparency of, does not form fog.

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4. It has no effect on drying storage and curing of paint.
 5. The film is flat and smooth, fine and wearable, has good abrasion resistance and impact resistance.
 6. No influence on the durability and weather resistance of the film.
 7. Good anti sinking, do not produce hard precipitation during the storage period.
 8. The extinction powders are uniform and feel good.

Products uses

Extinction powder must be fully dispersed in coating, so can play their roles. FINE series products can easily dispersed into the paint by standard high-speed dispersion machine, users must pay attention to blade diameter, container size, the height of the coating slurry, impeller rotational speed and so on are the factors influencing dispersion when doing dispersion.

Package:

Compound plastic woven bag, 10kg/bag.

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